Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

1.-16. (Cancelled)

17. (Currently amended) In an Open System Interconnection (OSI) model having at least a transport layer, a ~~A~~ method for transferring user datagram protocol (UDP) packets ~~with value-added (UDPVA) packets~~ over a broadband network system from a ~~first~~ broadband interface unit (BIntU) transceiver to a data distribution center, wherein the data distribution center is coupled over a network to a network access point, the method comprising:

supplying function calls to the BIntU transceiver from a personal computer with a computer processor, wherein the personal computer is separate from the BIntU tranceiver, and the BIntU transceiver is positioned between the network access point and the personal computer;

generating the UDP~~VA~~ packets in the BIntU transceiver and transmitting the UDP packets over the network solely at or below the transport layer, the generating and transmitting of the UDP~~VA~~ packets including:

~~alternatively~~ encoding, with an encoder, audio or video information, within the BIntU transceiver in order to generate ~~or decoding~~ UDP~~VA~~ frame information; ~~within an encoder/decoder (codec), and~~

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temporarily storing the UDP frame information solely at or below the transport layer as a UDP packet within a protocol stack~~generating the UDPVA~~ ~~packets in response to the UDPVA frame information in a digital signal processor~~ ~~(DSP) portion coupled to the codec, wherein the UDPVA packet is available for~~ ~~delivery to a network destination address or storage located on a local area~~ ~~network or a wide area network~~;

transmitting the UDP packet directly from the protocol stack to the network access point at, or below, the transport layer;

transmitting the UDP packet from the network access point to the data distribution center at, or below, the transport layer;

transmitting the UDP packet from the data distribution center to a network destination address device at or below the transport layer;

wherein the UDP information output by the encoder travels from the encoder to the stack and from the stack to the network access point solely at, or below, the transport layer and without being processed by the computer processor in the personal computer; and

~~a means for receiving the UDPVA packet from the BIntU transceiver at a data~~ ~~distribution center, the data distribution center being configured to interface with the~~ ~~BIntU transceiver to indicate~~ indicating, by the data distribution center, that the data distribution center ~~is receiving~~ received information from the BIntU transceiver in response to the ~~received~~ UDP~~VA~~ packet.

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18. (Currently amended) The method of claim 17, wherein the UDP~~VA~~ packet includes ~~a~~

~~Java~~ an applet.

19. (Cancelled)

20. (Currently amended) In an Open System Interconnection (OSI) model having at least

an application layer and a transport layer, a ~~A~~ broadband network system configured to

transfer user datagram protocol (UDP) packets ~~with value-added (UDPVA) packet~~ from a

broadband interface unit (BIntU) transceiver, the broadband network system comprising:

    a network access point;

    a data distribution center coupled over a network to the network access point;

    a personal computer with a computer processor that supplies function calls to the

BIntU transceiver; where the personal computer is separate from the BIntU tranceiver,

and the BIntU transceiver is positioned between the network access point and the

personal computer;

    wherein the BIntU transceiver generates packets for transmission over the

network solely ~~being configured to generate the UDPVA packets that are transmitted~~ at

or below ~~a~~ the transport layer ~~level~~, and the BIntU transceiver includes ~~including~~:

        an encoder/decoder (codec) configured to alternatively encode or decode

        audio or video information and alternatively output or receive UDP frame

        information, and

        a digital signal processor (DSP) portion coupled to the codec, wherein the

        DSP portion temporarily stores the UDP frame information solely at, or below,

the transport layer as a UDP~~VA~~ packet within a protocol stack, and wherein when said codec functions to encode audio or video information, the UDP~~VA~~ packet is ~~in a form to be~~ transmitted directly from the codec to the DSP portion, the UDP packet is transmitted directly from the protocol stack of the DSP portion to the network access point at, or below, the transport layer; the UDP packet is transmitted from the network access point to the data distribution center at, or below, the transport layer; and the UDP packet is transmitted from the data distribution center to a network destination address device at or below the transport layer ~~level~~; wherein the UDP information output by the codec travels from the codec to the stack and from the stack to the network access point solely at, or below, the transport layer and without being processed by the computer processor in the personal computer; and

wherein the data distribution center is configured to receive the UDP~~VA~~ packet from the BIntU transceiver at or below the transport layer ~~level~~, and the data distribution center is configured to interface with the BIntU transceiver to indicate ~~when~~ whether the data distribution center ~~is receiving~~ received information from the BIntU transceiver wherein data transmitted between the BIntU transceiver and the data distribution center is maintained at, or below, the transport layer ~~level~~.

21. (Currently amended) The broadband network system of claim 20, further comprising a second BIntU transceiver, wherein the data distribution control center forwards the UDP~~VA~~ packet to the second BIntU transceiver, and the second BIntU transceiver generates a return packet that is forwarded via the data distribution center to the BIntU

transceiver that indicates that the second BIntU transceiver has received the UDP~~VA~~ packet.

22.-29. (Cancelled)